

The NRL Digital Library

*Military Librarian's Workshop - November 2,
2000*

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Outline

- About NRL
- Brief History of NRL Digital Library
- Describing the NRL Digital Library
 - InfoWeb
 - TORPEDO *Ultra*
 - ISI Web of Science
- Future Directions
- 'Live' demonstration

The Navy's Corporate Research Facility

Main Campus - Washington, D.C.

3,000 Federal Employees [1,500 Scientists &
Engineers]

1,000 On-site contractors

130-acre Campus 116 Buildings

Subject Focus

Physics, Chemistry, Electronics, Space Sciences

Other Locations

NRL - Stennis, MS

NRL - Monterey, CA

Parent Organization

Office of Naval Research, Arlington, VA

Our Vision

In an increasingly digital environment, the Ruth H. Hooker Research Library will enable the NRL and ONR research community to meet its information needs conveniently, consistently, and cost-effectively, anywhere and at any time.

History of the NRL Digital Library

1989 Prototype Research Reports Imaging System

1992 InfoNet Campus-wide Information System

1993 STILAS -- Third-generation Library Catalog

1995 TORPEDO for APS journals and NRL reports

1996 Web access to catalog, databases. TORPEDO

Contents-to-Go e-mail alerts introduced

1997 Science Citation Index mounted locally All

InfoNet resources migrated to Web


2000 TORPEDO upgraded to TORPEDO *Ultra*

InfoWeb's Role

- InfoWeb is the Library's "public" face
- InfoWeb provides NRL with desktop access to digital services and enhanced user support
- InfoWeb encompasses, cuts across, supplements, and advances all traditional library service areas

<http://infoweb.nrl.navy.mil>

TORPEDO *Ultra*'s Role

- Researchers benefit from  through
 - Local access and high speed connectivity
 - A single search/browse interface for all materials
 - Integrated information from associations, commercial publishers, and government
 - Alternative access to TORPEDO contents using traditional library search tools (library catalog, local databases)
 - Ensured permanent access to a locally maintained archive
 - Local control and customization to meet specialized requirements

ISI Web of Science's Role

- Licensed Science Citation Index 1945-present
- Recently added Social Science Citation Index and Proceedings
- Links to full text locally or on web sites

Future Plans

- InfoWeb redesign
- Master Journal Database
- TORPEDO Ultra v.2
- Infrastructure overhaul
- Classified Digital Library

InfoWeb

- Create dynamic web site
- Increase links to full content
- Increase/expand eJournal and eBook content

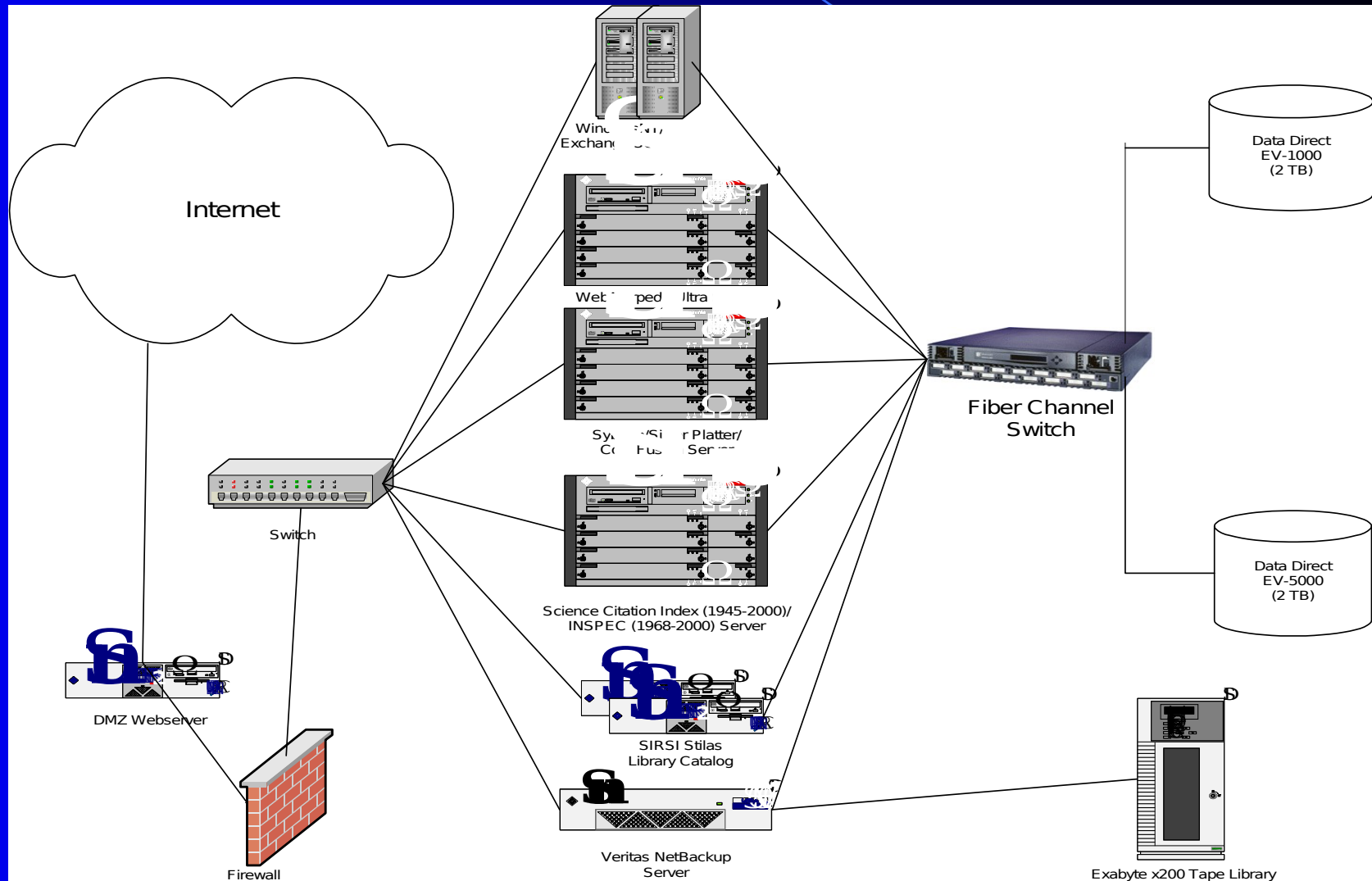
Master Journal Database

- Merges six separately and manually-maintained lists
 - Currently subscribed journals
 - All journals held in library
 - Journals with TOCs available (Contents-to-Go)
 - Journals in TORPEDO *Ultra*
 - Journals with full content on web sites
 - Journals cancelled over last several years

TORPEDO *Ultra* v.2

- Develop new, dynamic interface with more robust back-end
- Facilitate addition of hundreds of new titles
- Provide citation linking

Digital Library Infrastructure



Classified Digital Library

- Future Services
 - STAR Web Catalog
 - Full content links to digital reports
 - Classified “InfoWeb”
 - Locally mounted databases
 - Subject guide to classified Web sites

For More Information...

NRL Library Home Page

<http://infoweb.nrl.navy.mil>

NRL Library Staff Bibliography

<http://infoweb.nrl.navy.mil/services/IV2000/LibBib.html>

